

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): SAWAZAKI et al.

Appl. No.: 09

522,832

Series Code ↑

Serial No. ↑

Filed: March 10, 2000

Hon. Commissioner of Patents  
Washington, D.C. 20231

Sir:

REPLY/AMENDMENT/LETTER

Date: July 8, 2002

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

## 1. Small Entity claim

- A. ☒ NOT made  
B. ☐ Withdrawn  
C. ☐ made herewith  
D. ☐ made previously

For B & C  
See Required  
Separate Paper  
(Pat-256)

Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	4	**minus 20	0	x \$18/\$9 =	+ \$0 103/203
3. Independent Claims	1	***minus 3	0	x \$84/\$42 =	+ \$0 102/202
4. If amendment enters <u>proper</u> multiple dependent claim(s) into this application for <u>first</u> time (leave blank if this is a <u>reissue</u> application)..... add				+ \$280/\$140 =	+ \$0 104/204
5. Original due Date: May 7, 2002	<input type="checkbox"/> NONE				
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo) (2 mos) (3 mos) (4 mos) (5 mos)	\$110/\$55 = \$400/\$200 = \$920/\$460 = \$1,440/\$720 = \$1,960/\$980 =	+ \$400		115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract		- \$0			
8.		Extension Fee	+ \$400		
9. If <u>Terminal Disclaimer</u> attached, add Rule 20(d) official fee .....		+ \$110/\$55	+ \$0		148/248
10. If IDS attached requires Official Fee under Rule 97 (c), .....		+ \$180	+ \$0		126
or if Rule 97(d) Request .....		+ \$180			126
11. After-Final Request Fee per rules 129(a) and 17(r) .....		+ \$740/370	+ \$0		146/246
12. No. of additional inventions for examination per Rule 129(b).....		x \$740/370 ea	+ \$0		149/249
13. Request for Continued Examination (RCE) .....		+ \$740/370	+ \$0		1179/1279
14. Petition fee for .....			+ \$0		
15.		TOTAL FEE =	\$400		

16. \*If the entry in this space is less than entry in next space, the "Present Extra" result is "0".  
17. \*\*If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.  
18. \*\*\*If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

Our Deposit Account No. 03-3975)

(Our Order No. 051273

C#

0257760

M#

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

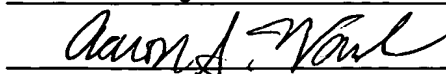
Pillsbury Winthrop LLP  
Intellectual Property Group

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NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: SAWAZAKI, et al.

Confirmation No.: 4821

Application No.: 09/522,832

Group: 2815

Filed: March 10, 2000

Examiner: B. Baumeister

Title: GROUP III NITRIDE COMPOUND SEMICONDUCTOR LIGHT-EMITTING DEVICE

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RECEIVED  
JUL 12 2002  
TECHNOLOGY CENTER 2800

\* \* \* \*

July 8, 2002

**RESPONSE UNDER 37 C.F.R. § 1.111**

Hon. Commissioner of Patents  
Washington, D. C. 20231

Sir:

In response to the Office Action dated February 7, 2002, the period for reply being extended by a petition for two-month extension of time filed herewith, Applicants submit the following remarks:

**REMARKS**

Reconsideration and allowance of this Application in view of the following remarks are respectfully requested. Claims 1 and 4-6 are pending in the application.

The Office Action rejected claims 1 and 4-6 under 35 U.S.C. § 102(e) over U.S. Patent No. 5,959,307, issued to Nakamura et al. ("Nakamura"). Applicants traverse the rejection because Nakamura fails to disclose each element of the claimed invention. In particular, Nakamura fails to teach or suggest a group III nitride semiconductor light-emitting device including barrier layers and an n-type clad layer wherein the n-type clad layer is formed of a material substantially the same as the barrier layer, as recited in claim 1.

The recitation that the n-type clad layer is formed of a material substantially the same as the barrier layer indicates that the n-type clad layer and the barrier layer are composed of

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